



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
ADVISORY COMMITTEE ON REACTOR SAFEGUARDS  
WASHINGTON, DC 20555 - 0001

June 17, 2004 (REVISED)

SCHEDULE AND OUTLINE FOR DISCUSSION  
514<sup>th</sup> ACRS MEETING  
JULY 7-9, 2004

**WEDNESDAY, JULY 7, 2004, CONFERENCE ROOM T-2B3, TWO WHITE FLINT NORTH,  
ROCKVILLE, MARYLAND**

- 1) 8:30 - 8:35 A.M. Opening Remarks by the ACRS Chairman (Open) (MVB/JTL/SD)
  - 1.1) Opening Statement
  - 1.2) Items of current interest
  
- 2) 8:35 - 10:30 A.M. Final Safety Evaluation Report (SER) Associated with the AP1000 Design Certification (Open) (TSK/MME)
  - 2.1) Remarks by the Subcommittee Chairman
  - 2.2) Briefing by and discussions with representatives of the NRC staff and Westinghouse Electric Company regarding the final SER associated with the certification of the AP1000 design, resolution of any unresolved issues previously raised by the ACRS, and related matters.

**10:30 - 10:45 A.M. \*\*\*BREAK\*\*\***

- 3) 10:45 - 12:15 P.M. Draft Final Generic Letter on Potential Impact of Debris Blockage on Emergency Recirculation During Design-Basis Accidents at PWRs (Open) (GBW/RC)
  - 3.1) Remarks by the Subcommittee Chairman
  - 3.2) Briefing by and discussions with representatives of the NRC staff regarding the draft final Generic Letter on PWR sump blockage and the staff's resolution of public comments on the proposed version of this Generic Letter.

Representatives of the nuclear industry may provide their views, as appropriate.

**12:15 - 1:15 P.M. \*\*\*LUNCH\*\*\***

- 4) 1:15 - 3:45 P.M. Risk-Informing 10 CFR 50.46, "Acceptance Criteria for Emergency Core Cooling Systems for Light-Water Nuclear Power Reactors" (Open) (WJS/MRS)
  - 4.1) Remarks by the Subcommittee Chairman
  - 4.2) Briefing by and discussions with representatives of the office of Nuclear Reactor Regulation regarding the proposed rule language for risk-informing 10 CFR 50.46.

- 4.3) Briefing by and discussions with representatives of the Office of Nuclear Regulatory Research regarding sensitivity studies on large-break loss-of-coolant accident frequency reevaluation performed in support of risk-informing 10 CFR 50.46.

Representatives of the nuclear industry may provide their views, as appropriate.

**3:45 - 4:00 P.M. \*\*\*BREAK\*\*\***

- 5) 4:00 - 5:00 P.M. Differences in Regulatory Approaches and Requirements Between U.S. and Other Countries (Open) (DAP/HPN/SD)
- 5.1) Remarks by the Subcommittee Chairman
- 5.2) Briefing by and discussions with Dr. Nourbakhsh, ACRS Senior Staff Engineer, regarding his draft White Paper on differences in regulatory approaches and requirements between U.S. and other countries.

**5:00 - 5:15 P.M. \*\*\*BREAK\*\*\***

- 6) 5:15 - 6:45 P.M. Preparation of ACRS Reports (Open)  
Discussion of proposed ACRS reports on:
- 6.1) AP1000 Design Certification (TSK/MME)
- 6.2) Proposed Rule Language for Risk-Informing 10 CFR 50.46 (WJS/MRS) (Tentative)
- 6.3) Draft Final Generic Letter on PWR Sump Blockage (GBW/RC)

**THURSDAY, JULY 8, 2004, CONFERENCE ROOM T-2B3, TWO WHITE FLINT NORTH, ROCKVILLE, MARYLAND**

- 7) 8:30 - 8:35 A.M. Opening Remarks by the ACRC Chairman (Open) (MVB/JTL/SD)
- 8) 8:35 - 10:30 A.M. Proposed Generic Communication on the Use of Ultrasonic Flow Measurement Devices for Measuring Feedwater Flow Rates in Nuclear Plants (Open) (JDS/MWW/CS)
- 8.1) Remarks by the Subcommittee Chairman
- 8.2) Briefing by and discussions with representatives of the NRC staff regarding the proposed Generic Communication on the Use of Ultrasonic Flow Measurement Devices for Measuring Feedwater Flow Rates in Nuclear Plants.

Representatives of the nuclear industry may provide their views, as appropriate.

**10:30 - 10:45 A.M. \*\*\*BREAK\*\*\***

- 9) 10:45 - 11:45 A.M. Future ACRS Activities/Report of the Planning and Procedures Subcommittee (Open) (MVB/JTL/SD)
- 9.1) Discussion of the recommendations of the Planning and Procedures Subcommittee regarding items proposed for consideration by the full Committee during future ACRS meetings.
- 9.2) Report of the Planning and Procedures Subcommittee on matters related to the conduct of ACRS business, including anticipated workload and member assignments.
- 9.3) Subcommittee Reports (Open)
- a) Plant Operations (JDS/MWW)  
Report by and discussions with the Chairman of the Plant Operations Subcommittee regarding the visit to the D.C. Cook Nuclear Plant and meeting with the NRC Region III personnel on June 9-10, 2004.
- b) Thermal-Hydraulic Phenomena (GBW/RC)  
Report by and discussions with the Chairman of the Thermal-Hydraulic Phenomena Subcommittee regarding the ongoing staff activities associated with the resolution of GSI-191, "Assessment of Debris Accumulation on PWR Sump Performance," that were discussed during the June 22-23, 2004 meeting.
- c) Future Plant Designs (TSK/MME)  
Report by and discussions with the Chairman of the Future Plant Designs Subcommittee regarding the NRC staff's proposed technology-neutral framework document for future plant licensing that was discussed at the June 24, 2004 meeting.
- 10) 11:45 - 12:00 Noon Reconciliation of ACRS Comments and Recommendations (Open) (MVB, et al./SD, et al.)  
Discussion of the responses from the NRC Executive Director for Operations to comments and recommendations included in recent ACRS reports and letters.
- 12:00 - 1:00 P.M. \*\*\*LUNCH\*\*\***
- 11) 1:00 - 2:00 P.M. Status of the ACRS Members' Assessment of the Quality of Selected NRC Research Projects (Open) (SLR/TSK/RC/HPN)  
Discussion of the status of the activities of the cognizant ACRS members associated with the assessment of the quality of the research projects on Sump Blockage and on MACCS Code.
- 2:00 - 2:15 P.M. \*\*\*BREAK\*\*\***
- 12) 2:15 - 6:30 P.M. Preparation of ACRS Reports (Open)  
Discussion of the proposed ACRS reports on:
- 12.1) AP1000 Design Certification (TSK/MME)
- 12.2) Proposed Rule Language for Risk-Informing 10 CFR 50.46 (WJS/MRS) (Tentative)

- 12.3) Draft Final Generic Letter on PWR Sump Blockage (GBW/RC)
- 12.4) Proposed Generic Communication on the Use of Ultrasonic Flow Measurement Devices (JDS/MWW/CS)

**FRIDAY, JULY 9, 2004, CONFERENCE ROOM T-2B3, TWO WHITE FLINT NORTH, ROCKVILLE, MARYLAND**

- 13) 8:30 - 3:00 P.M. Preparation of ACRS Reports (Open)  
**(12:00-1:00 P.M. LUNCH)** Continue discussion of proposed ACRS reports listed under Item 12.
- 14) 3:00 - 3:30 P.M. Miscellaneous (Open) (MVB/JTL)  
Discussion of matters related to the conduct of Committee activities and matters and specific issues that were not completed during previous meetings, as time and availability of information permit.

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**NOTE:**

- **Presentation time should not exceed 50 percent of the total time allocated for a specific item. The remaining 50 percent of the time is reserved for discussion.**
- **Thirty-Five (35) hard copies and (1) electronic copy of the presentation materials should be provided to the ACRS.**